



countdown

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Discovery in VAB for stacking with external tank, SRBs



◆ Shuttle Update:

Initial results from the second round of foam samples pulled from space shuttle Discovery's external fuel tank Friday indicated the foam is bonded well to the metal primer underneath it. With no initial issues seen with the 125 foam samples taken from the back side (facing away from where the shuttle will be) of the intertank area, the decision was made to move Discovery from OPF-3 to the VAB on Sunday morning. First motion for Discovery's one-hour trip was 7:22 a.m.

Discovery's rollout to Launch Pad 39A for its STS-128 mission to the International Space Station is targeted for Aug. 5.

◆ **ELV Update:** Connections between the recently installed flight battery and the Solar Dynamics Observatory spacecraft have been established. Spacecraft electrical testing is under way. The high gain antenna has been returned to its stowed vertical position for the present time. Solar array testing is coming.

The SDO full observatory comprehensive performance test currently is scheduled to begin Aug. 10. This will fully test all of the spacecraft science instruments and will be the last major evaluation before launch, targeted for Dec. 4.

■ **The KSC Fitness Centers Present The 8th Annual Indoor Triathlon Aug. 10 – Sept. 11** — Are you ready to take the ultimate summer challenge? The triathlon is open to all individuals, not just fitness fanatics. Numerous categories of

participation are offered within two separate series:

- **Masters Series:** Non-stop competition in either the sprint or distance triathlon from event to event – even rest time **counts!**
- **Novice Series:** Complete each event for either the sprint or distance triathlon on a separate day and add all three of your best times together at the end!

Sprint Event: 5-mile bike, 1000-meter row, 2-mile walk/run

Distance Event: 10-mile bike, 2000-meter row, 3.1-mile walk/run

Within each series, you can compete in either the individual sprint or distance triathlon, or the team (co-ed, all male, or all female) sprint or distance triathlon.

You can participate at any intensity level and as many times as you desire.

Start forming your teams now. Sign-up sheets will be available at both the O&C and OSB Fitness Centers. If you have any questions, contact Alycen LaBarca at 867-7829 or e-mail alycen.m.labarca@nasa.gov.

■ **National Space Club August Luncheon** — The National Space Club Florida Committee is presenting the Annual Lifetime Achievement Awards during the August luncheon. This year's recipients are Dr. Jim Johnson, Gerald Oppliger and Guenter Wendt. The luncheon is Aug. 11 from 11:30 a.m. to 1 p.m. at the Double-Tree Oceanfront Hotel & Conference Center on A1A in Cocoa Beach. Register online at <http://www.nscfl.org> or e-mail

SDO battery installed, being tested

ladonna.j.neterer@boeing.com.

Please RSVP by close of business Aug. 6. Members pay \$17; non-members pay \$20; a corporate table is \$200. Payment may be made at the door. Join the National Space Club Florida Committee for \$25 (at: <http://www.nscfl.org>).

■ **KEA-43: USA and Russian Space-suit Overview** — Dr. Felix Soto Toro from KSC and Jose "Joey" Marmolejo, (via video conferencing from JSC) will present "Overview of USA and Russian EVA Spacesuits," on Wednesday from 2:30 to 4 p.m. in the Training Auditorium. This presentation will compare past, present and future EVA spacesuits used by the USA and Russia. A USA EVA spacesuit will be on display. NASA and KSC contractors are invited to attend.

Questions and comments should be sent to KSC-Engineering-Academy@mail.nasa.gov. To view future listings or video/PDF versions of past KEA events, please visit: <http://kea.ksc.nasa.gov/>.

■ **PM Challenge 2010 Call for Speakers** — Proposal submissions are due Aug. 7! Submit your speaker proposal for PM Challenge 2010 to: <http://pmchallenge.gsfc.nasa.gov/Speaker2010.htm>.

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